CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER IS/ISO/IEC 17025:2017

8, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-4549

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TR/01

2	CP-2021-11-28-43	
4	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.	Date: 11/10/2021
3	Project Sub Division, BBMP, Bangalore.	
7	Fencing of BBMP Properties (Other than gardens Parks) Ward No.68	
1	M/s. S.K.KUSHAVAMURTHY , # 104, Sampigehalli, Jakkur Post, Bangalore-560064	
1	EE/Project/YNK Zone/WO/88/2020-21	
1	Sample supplied by Agency	
2	Satisfactory	
1	06-10-21	
1	PCC	
2	150X150X150 mm	
1	M15 / 7 Days Compressive Strength	
1	IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5	
2	11/10/2021	

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
PCC	M15	04/10/2021	11/10/2021	151.69 X 151.39 X 150.15	22966	8.974	290.3	12.6	12.4
PCC	M15	04/10/2021	11/10/2021	149.69 X 149.60 X 151.33	22393	8.450	269.2	12.0	
PCC	M15	04/10/2021	11/10/2021	151.63 X 150.38 X 151.15	22802	8.605	286.2	12.6	

...dismissed are satisfactory as per standard requirements.

...relate to the samples received and tested.

...furnished by Customer/Representative

...error in the report will make this report invalid

...part without prior written approval should not be reproduced or published in full or part.

...will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

****End of Report****

9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-43
Date: 02/11/2021
Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address : Project Sub Division, BBMP, Bangalore.
Project Name : Fencing of BBMP Properties (Other than gardens Parks) Ward No.08
Agency : Sri. S K KESHAVAMURTHY , # 104, Sampigehalli, Jakkur Post, Bangalore-560064.
Customer's Reference : EE(Project)/Ynk Zone/WO/88/2020-21
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 06-10-21
Customer ID : PCC
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M15 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 01/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	04/10/2021	01/11/2021	151.57 X 151.27 X 151.44	22927	**8.467**	399.2	17.4	17.4
2	PCC	M15	04/10/2021	01/11/2021	149.29 X 150.85 X 150.97	22519	**8.780**	387.2	17.2	
3	PCC	M15	04/10/2021	01/11/2021	151.96 X 150.59 X 151.78	22883	**8.162**	399.3	17.4	

The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.
R RUDRAPRASAD
Authorized Signatory
Technical Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5643

TEST RESULTES FOR MS BLOCK PIPE

Lab ID	:	**CP-2021-11-20-43** **Date: 18-11-21**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Agency	:	Fencing of BBMP Properties (Other than gardens Parks) Ward No.08
Project Name	:	Sri. S K KESHAVAMURTHY , # 104, Sampigehalli, Jakkur Post, Bangalore-560064.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/88/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-11-21
Type of Sample	:	M.S Block Pipe
Reference to BIS codes	:	IS:1608-2005(RA 2011), IS 1599-2012.
Date of test	:	16-11-21

TESTS RESULTS FOR MS BLOCK PIPE 38MM DIA, 14 GAUGE

Sl. No	Description	Result	Required as per as IS Code 2062: 2011	Remarks
1	Yeild Stress (N/mm2)	299	250N/mm^2	Satisfactory
2	Tensile Strength (N/mm2)	509	410N/mm^2	Satisfactory
3	Elongation Percentage (%)	24	Min 23%	Satisfactory

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.
CIVIL Pro Sig..... Date.....
R RUDRAPRASAD
Authorized Signatory
Technical Manager

Page 1/1
****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST RESULTES FOR MS RECTANGULAR POLE

Lab ID : CP-2021-11-20-43

Date: 18-11-21

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Fencing of BBMP Properties (Other than gardens Parks) Ward No.08

Agency : Sri. S K KESHAVAMURTHY , # 104, Sampigehalli, Jakkur Post, Bangalore-560064.

Customer's Reference : EE(Project)/Ynk Zone/WO/88/2020-21

Sourse of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 16-11-21

Type of Sample : M.S Rectangular Pole(65X65X6)mm

Reference to BIS codes : IS:1608-2005(RA 2011), IS 1599-2012.

Date of test : 16-11-21

TESTS RESULTS FOR M.S RECTANGULAR POLES MADE OUT OF 2 EQUAL ANGLES OF 65 X 65 X 6 MM WELDED TOGETHER

SL.NO	Description	Result	Required as per IS Code 2062:2011	Remarks
1	Weight/Meter (Kg /m)	5.81	5.8 Kg/m	Satisfactory
2	Yeild stress (N/mm2)	278	250N/mm^2	Satisfactory
3	Tensile Strength (N/mm2)	485	410N/mm^2	Satisfactory
4	Elongation Percentage (%)	23.5	Min23%	Satisfactory
5	Bend Test	Satisfactory	Should not Crack or fracture	Satisfactory

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro

CIVIL Pro Sig..... Date..... BANGALORE

R RUDRAPRASAD
Authorized Signatory
Technical Manager

****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

TEST RESULTS FOR CHAIN LINK FENCING

Lab ID	:	**CP-2021-11-20-43** **Date: 18-11-21**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Fencing of BBMP Properties (Other than gardens Parks) Ward No.08
Agency	:	Sri. S K KESHAVAMURTHY , # 104, Sampigehalli, Jakkur Post, Bangalore-560064.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/88/2020-21
Sourse of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-11-21
Type of Sample	:	Chain Link Fencing
Reference to BIS codes	:	IS 2062:2011
Date of test	:	16-11-21

TESTS RESULT FOR WIRE MESH		
SL.NO	**Description**	**Result**
1	**Average Thickness in mm**	4.04
2	**Dia of linewire in mm**	3.14
3	**Mesh size in mm**	50.01
4	**Nominaldia of meshwire in mm**	2.52
5	**Bend Test**	Satisfactory

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

CIVIL Pro Sig Date BANGALORE

R RUDRAPRASAD
Authorized Signatory
Technical Manager

****End of Report****

Asst. Executive Engineer
Project Division
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No : TC-5548

Format No: CP/TF/2017

TEST REPORT FOR PLASTER SAND

Lab ID	:	CP-2021-11-20-43 Date: 25-11-21
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Fencing of BBMP Properties (Other than gardens Parks) Ward No.08
Agency	:	Sri. S K KESHAVAMURTHY , # 104, Sampigehalli, Jakkur Post, Bangalore-560064.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/88/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-11-21
Sample Type	:	Plaster Sand
Reference to BIS codes	:	IS: 383 : 2016 (Specification for Coarse and fine Aggregates) IS1542:1992 (Sand for Plaster - Specification) IS: 2386 :1963(Part - I, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	22-11-21
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 1542:1992
1	10 mm	0	0	0	100	100
2	4.75 mm	35	35	3.5	96.5	95-100
3	2.36 mm	15	50	5	95	95-100
4	1.18 mm	50	100	10	90	90-100
5	600 micron	100	200	20	80	80-100
6	300 micron	215	415	41.5	58.5	20-65
7	150 micron	500	915	91.5	8.5	0-15
8	Pan	85	1000	100	0	---

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2021-11-20-43 Date: 25-11-21

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.8	–
2	Specific Gravity	2.56	–
3	Material finer than 75 micron(%)	8.5	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R RUDRAPRASAD
Authorized Signatory
Technical Manager

****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 25/11/2021

Lab ID	:	CP-2021-11-20-43
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Fencing of BBMP Properties (Other than gardens Parks) Ward No.08
Agency	:	Sri. S K KESHAVAMURTHY , # 104, Sampigehalli, Jakkur Post, Bangalore-560064.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/88/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-11-21
Customer ID	:	Plinth For Compound wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth For Compound wall Concrete	M20	18/11/2021	25/11/2021	150.86 X 149.68 X 150.26	22581	8.426	417.4	18.5	18.3
2	Plinth For Compound wall Concrete	M20	18/11/2021	25/11/2021	151.30 X 149.21 X 151.24	22576	8.919	411.0	18.2	
3	Plinth For Compound wall Concrete	M20	18/11/2021	25/11/2021	151.50 X 150.58 X 149.27	22812	8.727	418.4	18.3	

The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

Page 1/1
****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92.

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No : TC-8518

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-30-43

Date: 01/12/2021

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Fencing of BBMP Properties (Other than gardens Parks) Ward No 08

Agency : Sri. S K KESHAVAMURTHY , # 104, Sampigehalli, Jakkur Post, Bangalore-560064.

Customer's Reference : EE(Project)/Yuk Zone/WO/88/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-11-21

Customer ID : Column Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/12/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (kN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Concrete	M20	24/11/2021	01/12/2021	150.06 X 150.16 X 149.88	22533	8.436	411.0	18.2	18.4
2	Column Concrete	M20	24/11/2021	01/12/2021	150.16 X 149.31 X 151.19	22421	8.919	406.2	18.1	
3	Column Concrete	M20	24/11/2021	01/12/2021	151.74 X 150.31 X 151.52	22808	8.727	431.8	18.9	

The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

It information furnished by Customer/Representative

ny correction in the report will make this report invalid

his report without prior written approval should not be reproduced or published in full or part.

amples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

R RUDRAPRASAD
Authorised Signatory
Technical Manager

Page 1/1

End of Report*

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP

M : 9972924526 | Tel : +91 80 23444801 | e : rachana630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner